

## **SHORT FILM: *A NOBLE RACE***

Genres: Family-Oriented, Education, Drama

The storyline of *A Noble Race* portrays two high school sisters who use family problem solving, computer generated computational fluid dynamics (CFD), visual molecular dynamics (VMD), and their engineering prowess to enter the state science fair and to improve the aerodynamic efficiency of their gravity powered (soap box derby) race car, in order to win much needed college scholarships. Analogies in the film link the family concept of amateur youth racing with images in professional motorsports.

The 23-minute 35mm film was shot in Valparaiso and at Walker Racing and Pike High School, both in Indianapolis. Professional Indy race car driver Sarah Fisher appears as herself in the film.

The Academy of Arts and Science Education, who produced the film, is seeking a post-production team of 35mm editor (encompassing film, sound, opening and closing credit titling), and animator. The animator would be involved in creating about 3-4 minutes of dynamic action of an Indy race car morphing into a soap box derby car, and a dynamic molecular portrayal depicting the molecules in the material used to construct the soap box derby car.

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